

BOOK REVIEW

MARK V. LOMOLINO, BRETT R. RIDDLE, ROBERT J. WHITTAKER, AND JAMES H. BROWN. 2010, **Biogeography, Fourth Edition**. (ISBN-10: 0878934944, ISBN-13: 978-0878934942, hbk.). Sinauer Associates, Inc., 23 Plantree Road, Sunderland, Massachusetts 01375, U.S.A. (**Orders:** orders@sinauer.com). \$105.95, 764 pp., 503 illustrations (diagrams, charts, tables, maps, NASA photographs), glossary, bibliography, index, 11¼" × 8⅝".

The cover of the book visually compels you to learn more about the subject of biogeography. It is a broad study, but this book encompasses and enlightens you starting with the historical foundations gleaned from the rich legacy of generations of naturalist explorers guided by only crude maps, compasses, and sextants. The authors have applied the most recent technological advances, including geo-statistics, remote sensing, and satellite imagery. This tome redefines the dynamic geography of humanity which continues to shape the geography of nature. *Biogeography* was written primarily as a college text, but it is also an invaluable reference for biogeographers, ecologists, evolutionary biologists, and conservation biologists. It starts with simple facts and principles and assuming only a rudimentary knowledge of biology, geography, and Earth history, explains the relationships between geographic variation in biodiversity and the geological, ecological, and evolutionary processes that have produced them. *Biogeography* is written in an easy-to-read style, defining all new terms. It emphasizes the interplay between unifying concepts and presents evidence that supports or challenges these concepts. Color illustrations are evaluated and optimized for the colorblind readers. The authors were very thorough in their presentation with all of the illustrations, diagrams, charts, tables, maps, photographs, extensive glossary, index, and bibliography. And they have substantially enhanced the depth of coverage of classical foundations, empirical case studies, and frontiers of biogeography. I highly recommend *Biogeography* as an excellent resource for anyone interested in the field.—Martha Mullens, Master Naturalist, Botanical Research Institute of Texas, 1700 University Drive, Fort Worth, Texas 76107-3400, U.S.A.